



DONALD L. WOLFE, Director

# COUNTY OF LOS ANGELES

## DEPARTMENT OF PUBLIC WORKS

*"To Enrich Lives Through Effective and Caring Service"*

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ADDRESS ALL CORRESPONDENCE TO:  
P.O. BOX 1460  
ALHAMBRA, CALIFORNIA 91802-1460

March 6, 2007

IN REPLY PLEASE

REFER TO FILE: **WR-1**

The Honorable Board of Supervisors  
County of Los Angeles  
383 Kenneth Hahn Hall of Administration  
500 West Temple Street  
Los Angeles, CA 90012

Dear Supervisors:

**DAMS AUTOMATED DATA ACQUISITION SYSTEM  
SUPPLEMENTAL CONSULTANT SERVICES AGREEMENT  
SUPERVISORIAL DISTRICT 5  
3 VOTES**

**CHIEF INFORMATION OFFICER RECOMMENDATION:**

**APPROVE (X)   APPROVE WITH MODIFICATIONS ( )   DISAPPROVE ( )**

**IT IS RECOMMENDED THAT YOUR BOARD:**

Award and authorize the Director of Public Works to execute a Supplemental Agreement to Contract 72197 with URS Corporation (URS) to automate additional dam safety monitoring instrumentation at Public Works' dams for a not to exceed fee of \$275,000 to be financed by the Fiscal Year 2006-07 Flood Control District budget.

**PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION**

We are recommending that your Board award and authorize the Director of Public Works to execute a Supplemental Agreement with URS to automate additional dam safety monitoring instrumentation at Public Works' dams.

On June 29, 1999, your Board entered into Agreement No. 72197 with URS in the amount of \$950,000 to perform system upgrades to the existing Dams Automated Data Acquisition System (DADAS) and expand the DADAS to other dams.

As the work has progressed, we have identified the need to perform additional dam safety instrumentation to address monitoring needs resulting from the seismic rehabilitation of Thompson Creek Dam and installation of new dam safety monitoring instruments at other dams as required by the State Department of Water Resources Division of Safety of Dams.

Your Board's approval of the recommended actions will enable us to retain URS to perform this additional work and ensure compatibility with the existing DADAS being implemented by URS.

### **Implementation of Strategic Plan Goals**

The recommended action is consistent with the County Strategic Plan Goal of Organizational Effectiveness as it will allow efficient and effective use of consultants to provide services of a highly specialized nature that are not available in Public Works.

### **FISCAL IMPACT/FINANCING**

The recommended Supplemental Agreement for this project is for a not to exceed fee of \$275,000 for the required services and will increase the contract amount from \$950,000 to \$1,225,000. Financing for these services is available in the Fiscal Year 2006-07 Flood Control District budget. There will be no impact to the County's General Fund.

### **FACTS AND PROVISIONS/LEGAL REQUIREMENTS**

A standard Supplemental Agreement, previously approved as to form by County Counsel, will be used. The standard Board-directed clauses that provide for termination of services, renegotiation, and hiring qualified displaced County employees will be included. With the exception of the increase in the not to exceed contract amounts, all other terms, conditions, and requirements of the original contract will remain unchanged.

As required by your Board, language will be incorporated into the Agreement stating that the consultant shall notify its employees and shall require each subconsultant to notify its employees about Board Policy 5.135, the Safely Surrendered Baby Law, and that they may be eligible for the Federal Earned Income Credit under the Federal income tax laws.

As requested by your Board on August 12, 1997, and as a threshold requirement for consideration for contract award, URS is willing to consider Greater Avenues for Independence participants for future employment.

URS is in full compliance with Los Angeles County Code Chapter 2.200 (Child Support Compliance Program) and Chapter 2.203 (Jury Services Program).

### **ENVIRONMENTAL DOCUMENTATION**

The California Environmental Quality Act requires public agency decision makers to document and consider the environmental implications of their actions. The proposed project is categorically exempt pursuant to Class 1(i) of the Environmental Document Reporting Procedures and Guidelines adopted by your Board on November 17, 1987, and Section 15301(f) of the California Environmental Quality Act guidelines.

### **CONTRACTING PROCESS**

On June 29, 1999, your Board entered into Contract 72197 with URS for a not to exceed fee of \$950,000 to perform system upgrades to existing DADAS facilities and expand the DADAS to other dams. URS was selected to perform the work after careful evaluation of proposals from qualified engineering firms who responded to our Request for Proposal. The fee of \$275,000 for the recommended Supplemental Agreement has been reviewed by Public Works and is considered fair and reasonable for the additional work. Because the work included a substantial Information Technology (IT) component, the work was also reviewed and approved by Public Works' IT Governance Committee. The recommended Supplemental Agreement will increase the contract amount from \$950,000 to \$1,225,000.

In compliance with the Chief Information Officer's guidelines, Public Works will utilize the Information Technology Tracking System to monitor the project status and contractor's performance.

### **IMPACT ON CURRENT SERVICES (OR PROJECTS)**

There will be no adverse impact on current County services or projects during the performance of the recommended services.

**CONCLUSION**

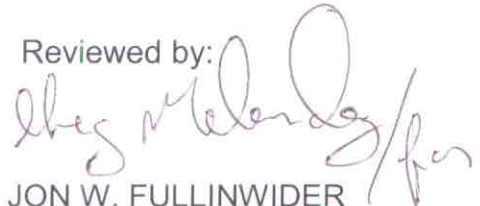
Please return one adopted copy of this letter to Public Works.

Respectfully submitted,



DONALD L. WOLFE  
Director of Public Works

Reviewed by:



JON W. FULLINWIDER  
Chief Information Officer

RCP:yg

P:\Dams\Users\DADAS Supplemental Board Letter.doc

cc: Chief Administrative Office  
County Counsel

# CIO ANALYSIS

## DAMS AUTOMATED DATA ACQUISITION SYSTEM SUPPLEMENTAL AGREEMENT

CIO RECOMMENDATION: ☒ APPROVE ☐ APPROVE WITH MODIFICATION  
☐ DISAPPROVE

### Contract Type:

☐ New Contract ☒ Contract Amendment ☐ Contract Extension  
☐ Sole Source Contract ☐ Hardware Acquisition ☐ Other

New/Revised Contract Term: Base Term: \_\_\_\_\_ Yrs # of Option Yrs \_\_\_\_\_

### Contract Components:

☒ Software ☒ Hardware ☐ Telecommunications  
☒ Professional Services

Project Executive Sponsor: Keith Lilley, Senior Civil Engineer, DPW

### Budget Information :

Initial Contract Budget	\$ 950,000
Requested Supplemental Contract Amount	\$ 275,000
Aggregate Contract Amount	\$1,225,000

### Project Background:

Yes	No	Question
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Is this project legislatively mandated?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Is this project subvented? If yes, what percentage is offset?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Is this project/application applicable to (shared use or interfaced) other departments? If yes, name the other department(s) involved?

### Strategic Alignment:

Yes	No	Question
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is this project in alignment with the County of Los Angeles Strategic Plan?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is this project consistent with the currently approved Department Business Automation Plan?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the project's technology solution comply with County of Los Angeles IT Directions Document?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the project technology solution comply with preferred County of Los Angeles IT Standards? The technology complies with preferred IT standards with the exception noted below under "Risks"

<input checked="checked" type="checkbox"/>	<input type="checkbox"/>	This contract and/or project and its milestone deliverables must be entered into the Information Technology Tracking System (ITTS).
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**Project/Contract Description:**

The Department of Public Works (DPW) is requesting approval to supplement an existing agreement for the installation of automated dam safety monitoring instrumentation.

**Background:**

The Department of Public Works has an existing (1999) contract with URS Corporation (URS), to install automated dam safety monitoring instrumentation at Public Works' dams in Los Angeles County. Subsequent to approval of the 1999 contract, the Department completed a number of the original tasks, and also determined that several must be revised and/or deleted to address changes in the State's monitoring requirements. The Scope of Work (SOW) requested in the supplemental agreement identifies the required changes to earlier tasks as well as specific installation requirements for the additional tasks described in the current SOW.

**Project Justification/Benefits:**

The automated instrumentation is required to comply with safety monitoring requirements established by the State Department of Water Resources.

**Project Metrics:**

Project metrics will include the Department's acceptance of deliverables specifically identified for each dam within the SOW. The supplemental agreement states the work will be completed by June 30, 2007. The project milestones will be entered and tracked by the Department in the Chief Information Officer's Information Technology Tracking System (ITTS).

**Impact On Service Delivery Or Department Operations, If Proposal Is Not Approved:**

If the additional dam safety instrumentation is not completed, remote monitoring of Thompson Creek Dam and Big Dalton Dam will not be possible. Should access to these sites be blocked during a seismic event, potential dam safety concerns may go unnoticed resulting in dam failure which could result in property damage and loss of life.

**Alternatives Considered:**

Because an existing agreement is in place for the same services, with satisfactory vendor performance, the Department did not consider any other alternatives.

**Project Risks:**

Due to the remote nature of several dams, the installation of monitoring equipment may include the use of land lines and dial-up modems. Additionally, the vendor may try to use satellite telephones which to date have not been tested with the specific equipment used for this system.

**Risk Mitigation Measures:**

In this particular case, the risk associated with dial-up modems can be considered low because the modem interfaces with a single, stand alone system that only monitors activities at the dam rather than controlling them. Additionally, the Department utilizes two factor authentication to further mitigate the risks. Regarding the risk associated with the satellite phone technology, the vendor has identified a fall back plan of additional dial-up lines if the satellite phone proves to be incompatible with the monitoring system.

**Financial Analysis:**

The existing 1999 agreement has a not to exceed total of \$950,000. This new supplement provides an additional \$275,000, bringing the new maximum total to \$1,225,000.

**CIO Concerns:**

The Department has satisfactorily addressed the CIO's concerns identified in the "risks" section above.

**CIO Recommendations:**

Recommend Board approval.

**CIO APPROVAL**

Date Received: January 29, 2007

Prepared by: Michael for Janette Parker

Date: February 15, 2007

Approved: Greg Melon

Date: 2/20/2007